

WEST Search History

DATE: Saturday, March 19, 2005

Search B

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L12	L11 and (frequency)	49
<input type="checkbox"/>	L11	L9 and ((percent\$4 or amount\$4 or total or number) with (pixel or voxel))	61
<input type="checkbox"/>	L10	L9 and ((percent\$4 or amount\$4 or total or number) with (pixel oe voxel))	0
<input type="checkbox"/>	L9	L8 and (percent\$4 or amount\$4 or total or number)	1383
<input type="checkbox"/>	L8	L7 and (fat\$2 or water or lipid or oil)	1385
<input type="checkbox"/>	L7	L6 and (drift\$4 or shift\$4)	1609
<input type="checkbox"/>	L6	L5 and ((magnetic adj resonance) or MRI or NMR)	5079
<input type="checkbox"/>	L5	(median)	88889
<input type="checkbox"/>	L4	L1 and ((center\$4 or central\$3 or middle) with (pixel or voxel))	4
<input type="checkbox"/>	L3	L1 and ((center\$4 or central\$3 or middle) with (pixel oe voxel))	0
<input type="checkbox"/>	L2	L1 and (median)	0
<input type="checkbox"/>	L1	4885542	24

END OF SEARCH HISTORY

WEST Search History

DATE: Saturday, March 19, 2005

Search A

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L21	L13 and (median)	3
<input type="checkbox"/>	L20	L18 and (median)	0
<input type="checkbox"/>	L19	L18 and ((median or middle) with (pixel or voxel or ((picture or volume) with element)))	0
<input type="checkbox"/>	L18	L17 and ((median or middle or center\$4 or central\$2) with (pixel or voxel or ((picture or volume) with element)))	11
<input type="checkbox"/>	L17	L16 and ((suppress\$4 or cancel\$4 or cancellation or minimiz\$5 or reduc\$4) with (fat\$2 or water or lipid))	11
<input type="checkbox"/>	L16	L15 and (fat\$2 or water or lipid)	25
<input type="checkbox"/>	L15	L13 and (suppress\$4 or cancel\$4 or cancellation or minimiz\$5 or reduc\$4)	35
<input type="checkbox"/>	L14	L13 and (suppress\$4 or cancel\$4 or cancellation or minimiz\$5)	27
<input type="checkbox"/>	L13	L12 and ((median or middle or center\$4 or central\$2) with (slice or plane or slab or volume))	36
<input type="checkbox"/>	L12	L11 and ((percent\$4 or amount\$3 or number or total or ratio or threshold\$3 or cutoff or "cut off" or cut-off) with (pixel or voxel or ((picture or volume) with element)))	83
<input type="checkbox"/>	L11	L10 and (pixel or voxel or ((picture or volume) with element))	126
<input type="checkbox"/>	L10	L9 and (field with map\$4)	177
<input type="checkbox"/>	L9	L8 and (even or odd or positive or negative or plus or minus or polarity or "up" or "down" or "above" or "below")	207
<input type="checkbox"/>	L8	L7 and (percent\$4 or amount\$3 or number or total or ratio or threshold\$3 or cutoff or "cut off" or cut-off)	210
<input type="checkbox"/>	L7	L6 and ((map\$4) with (field or slice))	213
<input type="checkbox"/>	L6	L5 and (map\$4)	976
<input type="checkbox"/>	L5	L4 and ((adjust\$4 or correct\$4 or alter\$4 or modify\$3 or modif\$4 or control\$4 or chang\$4 or vary or varying or varied) with frequency)	2841
<input type="checkbox"/>	L4	L3 and ((magnetic adj resonance) or MRI or NMR)	6775
<input type="checkbox"/>	L3	((median or middle or center\$4 or central\$2) with (pixel or value or frequency or offset\$4 or "off set\$4" or off-set\$4))	358042
<input type="checkbox"/>	L2	(5541513 5689186 5869965 5923168 5926022)! [pn]	10
<input type="checkbox"/>	L1	6064205	9

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 25 of 25 returned.

☐ 1. Document ID: US 20050033156 A1

Using default format because multiple data bases are involved.

L16: Entry 1 of 25

File: PGPB

Feb 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050033156

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050033156 A1

TITLE: Method and magnetic resonance tomography apparatus for correcting changes in the basic magnetic field

PUBLICATION-DATE: February 10, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kruger, Gunnar	Erlangen		DE	
Thesen, Stefan	Erlangen		DE	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Drawings
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☐ 2. Document ID: US 20050024051 A1

L16: Entry 2 of 25

File: PGPB

Feb 3, 2005

PGPUB-DOCUMENT-NUMBER: 20050024051

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050024051 A1

TITLE: Correction of magnetic resonance images

PUBLICATION-DATE: February 3, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Doddrell, David M.	Brisbane		AU	
Zhao, Huawei	Brisbane		AU	

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20040254449 A1

L16: Entry 3 of 25

File: PGPB

Dec 16, 2004

PGPUB-DOCUMENT-NUMBER: 20040254449

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040254449 A1

TITLE: System for concurrent MRI imaging and magnetic field homogeneity measurement

PUBLICATION-DATE: December 16, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Roopchansingh, Vinai	Milwaukee	WI	US	
Cox, Robert W.	Bethesda	MD	US	
Jesmanowicz, Andrzej	Wauwatosa	WI	US	
Hyde, James S.	Dousman	WI	US	

US-CL-CURRENT: 600/410; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 20040210130 A1

L16: Entry 4 of 25

File: PGPB

Oct 21, 2004

PGPUB-DOCUMENT-NUMBER: 20040210130

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040210130 A1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

PUBLICATION-DATE: October 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prince, Martin R.	Ann Arbor	MI	US	

US-CL-CURRENT: 600/420; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 20040092809 A1

L16: Entry 5 of 25

File: PGPB

May 13, 2004

PGPUB-DOCUMENT-NUMBER: 20040092809
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040092809 A1

TITLE: Methods for measurement and analysis of brain activity

PUBLICATION-DATE: May 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
DeCharms, Richard Christopher	Montara	CA	US	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	DOC	Drawings
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☐ 6. Document ID: US 20040027127 A1

L16: Entry 6 of 25

File: PGPB

Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040027127
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040027127 A1

TITLE: 4 dimensional magnetic resonance imaging

PUBLICATION-DATE: February 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mills, Randell L	Newtown	PA	US	

US-CL-CURRENT: 324/317

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	DOC	Drawings
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☐ 7. Document ID: US 20030163036 A1

L16: Entry 7 of 25

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030163036
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030163036 A1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prince, Martin R.	Ann Arbor	MI	US	

US-CL-CURRENT: 600/420

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	AMC	Draw D.
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☐ 8. Document ID: US 20030047083 A1

L16: Entry 8 of 25

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030047083
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030047083 A1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a
magnetic resonance contrast agent

PUBLICATION-DATE: March 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prince, Martin R.	Ann Arbor	MI	US	

US-CL-CURRENT: 99/325; 99/486

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	AMC	Draw D.
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☐ 9. Document ID: US 20020180438 A1

L16: Entry 9 of 25

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020180438
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020180438 A1

TITLE: MRI-BASED TEMPERATURE MAPPING WITH ERROR COMPENSATION

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Froundlich, David	Haifa		IL	
Shapira, Yerucham	Rehovot		IL	

US-CL-CURRENT: 324/315; 324/309, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	AMC	Draw D.
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☐ 10. Document ID: US 20010034483 A1

L16: Entry 10 of 25

File: PGPB

Oct 25, 2001

PGPUB-DOCUMENT-NUMBER: 20010034483
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010034483 A1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a
magnetic resonance contrast agent

PUBLICATION-DATE: October 25, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prince, Martin R.	Ann Arbor	MI	US	

US-CL-CURRENT: 600/420

Full	Title	Creation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KODC	Draw D
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☐ 11. Document ID: US 20010002315 A1

L16: Entry 11 of 25

File: PGPB

May 31, 2001

PGPUB-DOCUMENT-NUMBER: 20010002315
PGPUB-FILING-TYPE: new-utility
DOCUMENT-IDENTIFIER: US 20010002315 A1

TITLE: Plasmon resonant particles, methods and apparatus

PUBLICATION-DATE: May 31, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schultz, Sheldon	La Jolla	CA	US	
Schultz, David A.	La Jolla	CA	US	
Smith, David R.	La Jolla	CA	US	
Mock, Jack J.	Del Mar	CA	US	
Silva, Thomas J.	Golden	CO	US	

US-CL-CURRENT: 436/172; 382/129, 435/6, 436/518

Full	Title	Creation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KODC	Draw D
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☐ 12. Document ID: US 6754521 B2

L16: Entry 12 of 25

File: USPT

Jun 22, 2004

US-PAT-NO: 6754521
DOCUMENT-IDENTIFIER: US 6754521 B2

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

DATE-ISSUED: June 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 13. Document ID: US 6741881 B2

L16: Entry 13 of 25

File: USPT

May 25, 2004

US-PAT-NO: 6741881

DOCUMENT-IDENTIFIER: US 6741881 B2

**** See image for Certificate of Correction ****

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

DATE-ISSUED: May 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 14. Document ID: US 6559644 B2

L16: Entry 14 of 25

File: USPT

May 6, 2003

US-PAT-NO: 6559644

DOCUMENT-IDENTIFIER: US 6559644 B2

TITLE: MRI-based temperature mapping with error compensation

DATE-ISSUED: May 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Froundlich; David	Haifa			IL
Shapira; Yerucham	Rehovot			IL

US-CL-CURRENT: 324/315; 324/306

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Draw
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☐ 15. Document ID: US 6526352 B1

L16: Entry 15 of 25

File: USPT

Feb 25, 2003

US-PAT-NO: 6526352

DOCUMENT-IDENTIFIER: US 6526352 B1

TITLE: Method and arrangement for mapping a road

DATE-ISSUED: February 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Breed; David S.	Boonton Township, Morris County	NJ		
Johnson; Wendell C.	Signal Hill	CA		
Castelli; Vittorio	Yorktown Heights	NY		
Seitz; William E.	Bedford	NH		
DuVall; Wilbur E.	Kimberling City	MO		

US-CL-CURRENT: 701/213; 342/357.13, 701/200, 701/208, 701/210

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Draw
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☐ 16. Document ID: US 6477398 B1

L16: Entry 16 of 25

File: USPT

Nov 5, 2002

US-PAT-NO: 6477398

DOCUMENT-IDENTIFIER: US 6477398 B1

TITLE: Resonant magnetic susceptibility imaging (ReMSI)

DATE-ISSUED: November 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mills; Randell L.	Yardley	PA	19067	

US-CL-CURRENT: 600/409; 324/201, 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Draw
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☐ 17. Document ID: US 6463318 B2

L16: Entry 17 of 25

File: USPT

Oct 8, 2002

US-PAT-NO: 6463318
DOCUMENT-IDENTIFIER: US 6463318 B2

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a
magnetic resonance contrast agent

DATE-ISSUED: October 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/307, 324/309

Full	Title	Claims	Front	Review	Classification	Date	Reference			Claims	Front	Review
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☐ 18. Document ID: US 6240311 B1

L16: Entry 18 of 25

File: USPT

May 29, 2001

US-PAT-NO: 6240311
DOCUMENT-IDENTIFIER: US 6240311 B1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a
magnetic resonance contrast agent

DATE-ISSUED: May 29, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/307, 324/309

Full	Title	Claims	Front	Review	Classification	Date	Reference			Claims	Front	Review
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☐ 19. Document ID: US 6180415 B1

L16: Entry 19 of 25

File: USPT

Jan 30, 2001

US-PAT-NO: 6180415
DOCUMENT-IDENTIFIER: US 6180415 B1
**** See image for Certificate of Correction ****

TITLE: Plasmon resonant particles, methods and apparatus

DATE-ISSUED: January 30, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schultz; Sheldon	La Jolla	CA		

Schultz; David A.	La Jolla	CA
Smith; David R.	La Jolla	CA
Mock; Jack J.	Del Mar	CA
Silva; Thomas J.	Golden	CO

US-CL-CURRENT: 436/518; 356/301, 356/307, 356/317, 356/318, 356/337, 436/164,
436/171, 436/524, 436/525, 436/805

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FOIC	Draw D.
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☐ 20. Document ID: US 5792056 A

L16: Entry 20 of 25

File: USPT

Aug 11, 1998

US-PAT-NO: 5792056

DOCUMENT-IDENTIFIER: US 5792056 A

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a
magnetic resonance contrast agent

DATE-ISSUED: August 11, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FOIC	Draw D.
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☐ 21. Document ID: US 5590654 A

L16: Entry 21 of 25

File: USPT

Jan 7, 1997

US-PAT-NO: 5590654

DOCUMENT-IDENTIFIER: US 5590654 A

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a
magnetic resonance contrast agent

DATE-ISSUED: January 7, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FOIC	Draw D.
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☐ 22. Document ID: US 5168232 A

L16: Entry 22 of 25

File: USPT

Dec 1, 1992

US-PAT-NO: 5168232

DOCUMENT-IDENTIFIER: US 5168232 A

**** See image for Certificate of Correction ****

TITLE: Method for rapid magnet shimming

DATE-ISSUED: December 1, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Glover; Gary H.	Menlo Park	CA		
Schneider; Erika	New Berlin	WI		

US-CL-CURRENT: 324/320; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	DOC	Draw D
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☐ 23. Document ID: US 4970457 A

L16: Entry 23 of 25

File: USPT

Nov 13, 1990

US-PAT-NO: 4970457

DOCUMENT-IDENTIFIER: US 4970457 A

TITLE: MRI compensated for spurious rapid variations in static magnetic field during a single MRI sequence

DATE-ISSUED: November 13, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kaufman; Leon	San Francisco	CA		
Crooks; Lawrence E.	Richmond	CA		
Hale; James D.	Berkeley	CA		
Kramer; David M.	San Rafael	CA		
Hake; Kristen	South San Francisco	CA		
Avram; Heckor	Foster City	CA		
Wummer; Joel	San Francisco	CA		

US-CL-CURRENT: 324/309; 324/307, 324/313

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	DOC	Draw D
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☐ 24. Document ID: US 4885542 A

L16: Entry 24 of 25

File: USPT

Dec 5, 1989

US-PAT-NO: 4885542

DOCUMENT-IDENTIFIER: US 4885542 A

TITLE: MRI compensated for spurious NMR frequency/phase shifts caused by spurious changes in magnetic fields during NMR data measurement processes

DATE-ISSUED: December 5, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yao; Ching	Belmont	CA		
Hale; James D.	Berkeley	CA		
Crooks; Lawrence E.	Richmond	CA		
Kaufman; Leon	San Francisco	CA		

US-CL-CURRENT: 324/313; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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☐ 25. Document ID: US 4521733 A

L16: Entry 25 of 25

File: USPT

Jun 4, 1985

US-PAT-NO: 4521733

DOCUMENT-IDENTIFIER: US 4521733 A

TITLE: NMR Imaging of the transverse relaxation time using multiple spin echo sequences

DATE-ISSUED: June 4, 1985

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bottomley; Paul A.	Clifton Park	NY		
Edelstein; William A.	Schenectady	NY		

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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Term	Documents
WATER	3856435
WATERS	79640

LIPID	91332
LIPIDS	57600
FAT\$2	0
FAT	152469
FATA	517
FATAA	1
FATAB	2
FATAD	2
FATAE	1
(L15 AND (FAT\$2 OR WATER OR LIPID)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	25

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[Generate OACS](#)

Search Results - Record(s) 1 through 11 of 11 returned.

☐ 1. Document ID: US 20040210130 A1

Using default format because multiple data bases are involved.

L17: Entry 1 of 11

File: PGPB

Oct 21, 2004

PGPUB-DOCUMENT-NUMBER: 20040210130

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040210130 A1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

PUBLICATION-DATE: October 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prince, Martin R.	Ann Arbor	MI	US	

US-CL-CURRENT: 600/420; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw D.
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☐ 2. Document ID: US 20030163036 A1

L17: Entry 2 of 11

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030163036

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030163036 A1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prince, Martin R.	Ann Arbor	MI	US	

US-CL-CURRENT: 600/420

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw D.
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☐ 3. Document ID: US 20030047083 A1

L17: Entry 3 of 11

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030047083
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030047083 A1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a
magnetic resonance contrast agent

PUBLICATION-DATE: March 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prince, Martin R.	Ann Arbor	MI	US	

US-CL-CURRENT: 99/325; 99/486

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWD	Draw D
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☐ 4. Document ID: US 20010034483 A1

L17: Entry 4 of 11

File: PGPB

Oct 25, 2001

PGPUB-DOCUMENT-NUMBER: 20010034483
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010034483 A1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a
magnetic resonance contrast agent

PUBLICATION-DATE: October 25, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prince, Martin R.	Ann Arbor	MI	US	

US-CL-CURRENT: 600/420

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWD	Draw D
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☐ 5. Document ID: US 6754521 B2

L17: Entry 5 of 11

File: USPT

Jun 22, 2004

US-PAT-NO: 6754521
DOCUMENT-IDENTIFIER: US 6754521 B2

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

DATE-ISSUED: June 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	K00C	Draw D
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☐ 6. Document ID: US 6741881 B2

L17: Entry 6 of 11

File: USPT

May 25, 2004

US-PAT-NO: 6741881

DOCUMENT-IDENTIFIER: US 6741881 B2

**** See image for Certificate of Correction ****

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

DATE-ISSUED: May 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	K00C	Draw D
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☐ 7. Document ID: US 6463318 B2

L17: Entry 7 of 11

File: USPT

Oct 8, 2002

US-PAT-NO: 6463318

DOCUMENT-IDENTIFIER: US 6463318 B2

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

DATE-ISSUED: October 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Pub	Unpat
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☐ 8. Document ID: US 6240311 B1

L17: Entry 8 of 11

File: USPT

May 29, 2001

US-PAT-NO: 6240311

DOCUMENT-IDENTIFIER: US 6240311 B1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

DATE-ISSUED: May 29, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Pub	Unpat
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☐ 9. Document ID: US 5792056 A

L17: Entry 9 of 11

File: USPT

Aug 11, 1998

US-PAT-NO: 5792056

DOCUMENT-IDENTIFIER: US 5792056 A

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

DATE-ISSUED: August 11, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Pub	Unpat
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☐ 10. Document ID: US 5590654 A

L17: Entry 10 of 11

File: USPT

Jan 7, 1997

US-PAT-NO: 5590654

DOCUMENT-IDENTIFIER: US 5590654 A

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

DATE-ISSUED: January 7, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NOI	Draw D.
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☐ 11. Document ID: US 4885542 A

L17: Entry 11 of 11

File: USPT

Dec 5, 1989

US-PAT-NO: 4885542

DOCUMENT-IDENTIFIER: US 4885542 A

TITLE: MRI compensated for spurious NMR frequency/phase shifts caused by spurious changes in magnetic fields during NMR data measurement processes

DATE-ISSUED: December 5, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yao; Ching	Belmont	CA		
Hale; James D.	Berkeley	CA		
Crooks; Lawrence E.	Richmond	CA		
Kaufman; Leon	San Francisco	CA		

US-CL-CURRENT: 324/313; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NOI	Draw D.
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